

P. S. Science & H. D. Patel Arts College, Kadi

Internal Examination 2017

CC-AGRICULTURE Sem-4

Paper- 404 Principles of plant breeding

Date:- 24-3-2017

Hours:- 2

Time:- 10:00 to 12:00

Marks:-40

1 Attempted all questions..... (10x 1M=10M)

Q-1.1 first maize was developed

- A. Reid's green dent
- B. Reid's yellow dent
- C. Golden yellow
- D. Yellow dent

Q-1.2 first genetically modified food produced for the market.

- A. Flavr savr
- B. Fly Sly
- C. Flaver saver
- D. All

Q-1.3 ICCV developed cotton varieties

- A. 73
- B. 70
- C. 53
- D. 30

Q-1.4 Rhizome vegetative propagation

- A. Ginger
- B. Turmeric
- C. Lotus
- D. All

Q-1.5 Isogamy

- A. Dissimilar
- B. Similar
- C. Mix
- D. None of them

Q-1.6 Entomology related to

- A. Plants
- B. fungus
- C. Insects
- D. Virus

Q-1.7-1.10 Answering the followings

- A. First commercial hybrid maize. (year)
- B. Define hybrid and cybrid
- C. Full name of ICAR
- D. Name of 2 methods of breeding

Q-2 Answer any four (4) questions..... (5Mx4=20M)

- 2.1 Define plant breeding
- 2.2 Describe discipline of breeding
- 2.3 Explain population and types
- 2.4 Write most important history of breeding
- 2.5 Explain activities of plant breeding

Q-3 Answer any one (1) question(10x1=10M)

- 3.1 Explain plant breeding and aim scope of plant breeding in agriculture
- 3.2 Describe mode of reproduction in plants with examples